

*SPECIFICATION AMENDMENTS*

Replace the paragraph beginning at page 1, line 20 with:

In the conventional power circuit for a battery, there is a problem in that if an idle-stop operation (stop/start-up operation) is continuously carried out, then the recharging for a capacitor group connected in series with a battery group becomes insufficient, so that it becomes impossible to supply a sufficient electric power to a motor through an inverter, and hence a predetermined start-up operation by the motor of a vehicle ~~can not~~ cannot be carried out. ~~The A~~ A predetermined start-up operation means an operation for increasing the rpm of an engine from a stop state to an idle running state (engine ~~rpm~~ rpm of about 800) ~~by~~ with the motor.

Replace the paragraph beginning at page 3, line 11 with:

In regeneration of energy, a series-connected body of the battery and the capacitor is charged with the energy generated by the electric motor. The permissible output electric power density of a ~~plumbic lead acid battery as a battery~~ plumbic lead acid battery is low ~~at~~, about 100 to 200 W/kg, and allowable input electric power density is even lower. For this reason, ~~a~~ charge current during regeneration is determined on the basis of the allowable input current of the battery. Note that the allowable input electric power density of the battery is proportional to the allowable input current since the voltage of the battery is nearly fixed. Thus, the high speed charging characteristics of the capacitor can not be utilized, and hence it is necessary to limit the ~~regenerated~~ regeneration output of the electric motor.